

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Algirdas A. Underys)
)
Serial No.: 08/991,113)
)
Filing Date: December 16, 1997)
)
Title: Heat Treatment Method and)
Apparatus)

Attention:
Primary Examiner
Wyszomierski

Group 1742

TECHNOLOGY CENTER 1700

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The Honorable Commissioner
of Patents and Trademarks
Washington, DC 20231

ON APPEAL

Appeal No. 2001-0359

(Formerly: Appeal No. 10,359)

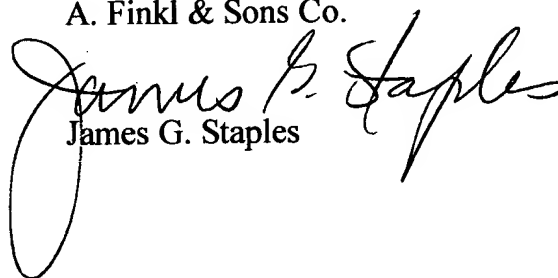
**SUPPLEMENT TO
APPEAL BRIEF
FILED APRIL 21, 2003**

In response to the Office Action dated April 30, 2003, Paper No. 33, we enclose herewith a copy of claims 4 and 19 in triplicate with the request that the Examiner or the Clerk of the Board of Appeals associate a copy of said claims 4 and 19 with each of the three copies of the Appeal Brief which was filed on April 21, 2003 (probably Paper No. 32). The enclosed claims 4 and 19 were intended to be the second page of Attachment 4 to the Appeal Brief.

The error in omitting said claims 4 and 19 from the Appeal Brief as filed is regretted and we thank the Examiner for so promptly bringing the omission to our attention.

Respectfully submitted,

A. Finkl & Sons Co.


James G. Staples

A. Finkl & Sons Co.
2011 North Southport Avenue
Chicago, IL 60614
(773) 975-2235
(773) 975-2636 (fax)

4. The method of claim 15 further characterized by and including the step of
providing a coating of reflective material over at least some of the interior
surface of the furnace.

19. In a method of heat treating a tool steel workpiece the steps of
providing a heat source in the interior of a furnace of a size suitable to receive
a tool steel workpiece to be heat treated,
providing a coating of reflective material selected from the group consisting
of gold, silver and aluminum over at least some of the interior surface of the furnace, and
subjecting the tool steel workpiece to heat treatment by exposing said tool steel
workpiece to infrared heat energy from an infrared heat energy source.

4. The method of claim 15 further characterized by and including the step of
providing a coating of reflective material over at least some of the interior
surface of the furnace.

19. In a method of heat treating a tool steel workpiece the steps of
providing a heat source in the interior of a furnace of a size suitable to receive
a tool steel workpiece to be heat treated,
providing a coating of reflective material selected from the group consisting
of gold, silver and aluminum over at least some of the interior surface of the furnace, and
subjecting the tool steel workpiece to heat treatment by exposing said tool steel
workpiece to infrared heat energy from an infrared heat energy source.

4. The method of claim 15 further characterized by and including the step of
providing a coating of reflective material over at least some of the interior
surface of the furnace.

19. In a method of heat treating a tool steel workpiece the steps of
providing a heat source in the interior of a furnace of a size suitable to receive
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providing a coating of reflective material selected from the group consisting
of gold, silver and aluminum over at least some of the interior surface of the furnace, and
subjecting the tool steel workpiece to heat treatment by exposing said tool steel
workpiece to infrared heat energy from an infrared heat energy source.